EW-2 Storativity Calculation

S = V/(A*h)

V = 14,618,736 gallons =

A = 1,767,144.38 ft^2

h = 67.8 ft

S = 0.122013559 dimentionless

EW-2 Transmissivity Calculation

K = 0.385763889 ft/sec

T = K*h =

Table 2 - Storativity and Transmissivity Calculations

1,958,911

690 ft EW-2 to EW-1 Had 1.63 ft. decrease in water table. Conservatively estimated anouther 60 feet

From EW-1 estimated unconfined aquifer depth in Weston letter to EPA, May 8,1997

From EW-1 calculated permeability Weston letter to EPA, May 8,1997

26.15479167

37,662.9

cubic feet Calculated by days at specific pumping rates.

to 750 ft. as radius.

ft^2/sec
ft^2/day